

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****(Not for submission under 37 CFR 1.99)**

Application Number 10702088

Filing Date 2003-11-05

First Named Inventor Robert Madill

Art Unit 3626

Examiner Name THOMAS, JOSEPH

Attorney Docket Number 5053-64000

U.S. PATENTS[Remove](#)

| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|---------------|------------------------|------------|---|--|
| | 1 | 5128859 | | 1992-07-07 | Carbone et al. | |
| | 2 | 5180309 | | 1993-01-19 | Egnor | |
| | 3 | 5317503 | | 1994-05-31 | Inoue | |
| | 4 | 5446659 | | 1995-08-29 | Yamawaki | |
| | 5 | 5483442 | | 1996-01-09 | Black et al. | |
| | 6 | 5524489 | | 1996-06-11 | Twigg | |
| | 7 | 5717391 | | 1998-02-10 | Rodriguez | |
| | 8 | 5798949 | | 1998-08-25 | Kaub | |

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|----------------|
| Application Number | 10702088 |
| Filing Date | 2003-11-05 |
| First Named Inventor | Robert Madill |
| Art Unit | 3626 |
| Examiner Name | THOMAS, JOSEPH |
| Attorney Docket Number | 5053-64000 |

| | | | |
|----|---------|------------|------------------|
| 9 | 5815093 | 1998-09-29 | Kikinis |
| 10 | 5956687 | 1999-09-21 | Wamsley |
| 11 | 6043813 | 2000-03-28 | Stickney et al. |
| 12 | 6076026 | 2000-06-13 | Jambhekar et al. |
| 13 | 6141611 | 2000-10-31 | Mackey et al. |
| 14 | 6173284 | 2001-01-09 | Brown |
| 15 | 6223125 | 2001-04-24 | Hall |
| 16 | 6246933 | 2001-06-21 | Bague |
| 17 | 6308187 | 2001-10-23 | DeStefano |
| 18 | 6351893 | 2002-03-05 | St. Pierre |
| 19 | 6363360 | 2002-03-26 | Madden |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.R./

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|----------------|
| Application Number | 10702088 |
| Filing Date | 2003-11-05 |
| First Named Inventor | Robert Madill |
| Art Unit | 3626 |
| Examiner Name | THOMAS, JOSEPH |
| Attorney Docket Number | 5053-64000 |

| | | | |
|----|---------|------------|-------------------|
| 20 | 6381561 | 2002-04-30 | Bomar, Jr. et al. |
| 21 | 6397334 | 2002-05-28 | Chainer et al. |
| 22 | 6408304 | 2002-06-18 | Kumhyr |
| 23 | 6493650 | 2002-12-10 | Rodgers et al. |
| 24 | 6532459 | 2003-03-11 | Berson |
| 25 | 6570609 | 2003-05-27 | Heien |
| 26 | 6832205 | 2004-12-14 | Aragones et al. |
| 27 | 6938029 | 2005-08-30 | Tien |
| 28 | 6952741 | 2005-08-30 | Bartlett, et al. |
| 29 | 6961708 | 2005-11-01 | Bierenbaum |
| 30 | 6925468 | 2005-08-02 | Bobblitt, et al. |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.R./

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|----------------|
| Application Number | 10702088 |
| Filing Date | 2003-11-05 |
| First Named Inventor | Robert Madill |
| Art Unit | 3626 |
| Examiner Name | THOMAS, JOSEPH |
| Attorney Docket Number | 5053-64000 |

| | | | | | |
|----|---------|--|------------|-----------------|--|
| 31 | 7013284 | | 2006-03-14 | Guyan | |
| 32 | 5862500 | | 1999-01-19 | Goodwin | |
| 33 | 5877707 | | 1999-03-02 | Kowalick | |
| 34 | 6185490 | | 2001-02-06 | Ferguson | |
| 35 | 4638289 | | 1987-01-20 | Zottnik | |
| 36 | 4656585 | | 1987-04-07 | Stephenson | |
| 37 | 4931793 | | 1990-06-05 | Fuhrmann et al. | |

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

U.S.PATENT APPLICATION PUBLICATIONS

Remove

| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|--------------------|------------------------|------------------|---|--|
| | 1 | | | | | |

If you wish to add additional U.S. Published Application citation information please click the Add button.

Add

FOREIGN PATENT DOCUMENTS

Remove

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|----------------|
| Application Number | 10702088 |
| Filing Date | 2003-11-05 |
| First Named Inventor | Robert Madill |
| Art Unit | 3626 |
| Examiner Name | THOMAS, JOSEPH |
| Attorney Docket Number | 5053-64000 |

| Examiner Initial* | Cite No | Foreign Document Number ³ | Country Code ² i | Kind Code ⁴ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T ⁵ |
|-------------------|---------|--------------------------------------|-----------------------------|------------------------|------------------|---|--|--------------------------|
| | 1 | | | | | | | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T ⁵ |
|--------------------|---------|---|--------------------------|
| | 1 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,024 mailed January 31, 2006, available in PAIR. | <input type="checkbox"/> |
| | 2 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,024 mailed June 1, 2006, available in PAIR. | <input type="checkbox"/> |
| | 3 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,022 mailed April 6, 2006, available in PAIR. | <input type="checkbox"/> |
| | 4 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,015 mailed June 1, 2006, available in PAIR. | <input type="checkbox"/> |
| | 5 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,019 mailed June 1, 2006, available in PAIR. | <input type="checkbox"/> |
| | 6 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,018 mailed January 26, 2006, available in PAIR. | <input type="checkbox"/> |
| | 7 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,018 mailed June 2, 2006, available in PAIR. | <input type="checkbox"/> |

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|----------------|
| Application Number | 10702088 |
| Filing Date | 2003-11-05 |
| First Named Inventor | Robert Madill |
| Art Unit | 3626 |
| Examiner Name | THOMAS, JOSEPH |
| Attorney Docket Number | 5053-64000 |

| | | |
|----|--|--------------------------|
| 8 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,027 mailed March 3, 2006, available in PAIR. | <input type="checkbox"/> |
| 9 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,020 mailed January 26, 2006, available in PAIR. | <input type="checkbox"/> |
| 10 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,020 mailed July 5, 2006, available in PAIR. | <input type="checkbox"/> |
| 11 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,545 mailed March 23, 2006, available in PAIR. | <input type="checkbox"/> |
| 12 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,536 mailed March 24, 2006, available in PAIR. | <input type="checkbox"/> |
| 13 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,534 mailed February 17, 2006, available in PAIR. | <input type="checkbox"/> |
| 14 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/970,161 mailed March 23, 2006, available in PAIR. | <input type="checkbox"/> |
| 15 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,016 mailed March 3, 2007 available in PAIR. | <input type="checkbox"/> |
| 16 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,017 mailed March 1, 2006, available in PAIR. | <input type="checkbox"/> |
| 17 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,516 mailed August 10, 2006, available in PAIR. | <input type="checkbox"/> |
| 18 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,020 mailed December 21, 2006 available in PAIR. | <input type="checkbox"/> |

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|----------------|
| Application Number | 10702088 |
| Filing Date | 2003-11-05 |
| First Named Inventor | Robert Madill |
| Art Unit | 3626 |
| Examiner Name | THOMAS, JOSEPH |
| Attorney Docket Number | 5053-64000 |

| | | |
|----|--|--------------------------|
| 19 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,018 mailed December 4, 2006, available in PAIR. | <input type="checkbox"/> |
| 20 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,017 mailed October 11 2006, available in PAIR. | <input type="checkbox"/> |
| 21 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,017 mailed May 9, 2007 available in PAIR. | <input type="checkbox"/> |
| 22 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,534 mailed May 30, 2007 available in PAIR. | <input type="checkbox"/> |
| 23 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,018 mailed June 21, 2007 available in PAIR. | <input type="checkbox"/> |
| 24 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,027 mailed June 20, 2007 available in PAIR. | <input type="checkbox"/> |
| 25 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,024 mailed May 23, 2007 available in PAIR. | <input type="checkbox"/> |
| 26 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,623 mailed March 7, 2007 available in PAIR. | <input type="checkbox"/> |
| 27 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,866 mailed June 21, 2007 available in PAIR. | <input type="checkbox"/> |
| 28 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,858 mailed June 29, 2007 available in PAIR. | <input type="checkbox"/> |
| 29 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,146 mailed February 28, 2006, available in PAIR. | <input type="checkbox"/> |

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|----------------|
| Application Number | 10702088 |
| Filing Date | 2003-11-05 |
| First Named Inventor | Robert Madill |
| Art Unit | 3626 |
| Examiner Name | THOMAS, JOSEPH |
| Attorney Docket Number | 5053-64000 |

| | | |
|----|---|--------------------------|
| 30 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,546 mailed March 21, 2006, available in PAIR. | <input type="checkbox"/> |
| 31 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,016 mailed March 3, 2007 available in PAIR. | <input type="checkbox"/> |
| 32 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,021 mailed March 8, 2007, available in PAIR. | <input type="checkbox"/> |
| 33 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,021 mailed February 27, 2006, available in PAIR. | <input type="checkbox"/> |
| 34 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,020 mailed July 5, 2007, available in PAIR. | <input type="checkbox"/> |
| 35 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,873 mailed September 20, 2007, available in PAIR. | <input type="checkbox"/> |
| 36 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,804 mailed October 3, 2007 available in PAIR. | <input type="checkbox"/> |
| 37 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,909 mailed October 5, 2007 available in PAIR. | <input type="checkbox"/> |
| 38 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,803 mailed October 5, 2007 available in PAIR. | <input type="checkbox"/> |
| 39 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,908 mailed October 5, 2007 available in PAIR. | <input type="checkbox"/> |
| 40 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,864 mailed October 4, 2007 available in PAIR. | <input type="checkbox"/> |

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|----------------|
| Application Number | 10702088 |
| Filing Date | 2003-11-05 |
| First Named Inventor | Robert Madill |
| Art Unit | 3626 |
| Examiner Name | THOMAS, JOSEPH |
| Attorney Docket Number | 5053-64000 |

| | | |
|----|--|--------------------------|
| 41 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,545 mailed October 18, 2007 available in PAIR. | <input type="checkbox"/> |
| 42 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,628 mailed October 10, 2007 available in PAIR. | <input type="checkbox"/> |
| 43 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/239,029 mailed June 29, 2007 available in PAIR. | <input type="checkbox"/> |
| 44 | U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,516 mailed November 14, 2007, available in PAIR. | <input type="checkbox"/> |

If you wish to add additional non-patent literature document citation information please click the Add button **Add**

EXAMINER SIGNATURE

| | | | |
|--------------------|--------------------|-----------------|------------|
| Examiner Signature | /Kristine Rapillo/ | Date Considered | 02/01/2008 |
|--------------------|--------------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.